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By 
Eric L. Maldonado

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Attorney Docket No. 100794-11209 (FUJA 16.140)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: S. MIYOSHI
Serial No.: 09/318,445
Filed: May 25, 1999
Title: Digital Subscriber Line...
Examiner: Pankaj Kumar
Art Unit: 2631

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Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of a document listed thereon. This document contains information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of an International Search Report dated December 11, 2002 from the corresponding International Patent Application. All of the documents listed in Form PTO-1449 appear in the International Search Report.

As some of these documents are written in a language other than English, an English Language abstracts are annexed thereto explaining its relevancy in accordance with 37 CFR §1.98(a)(3).

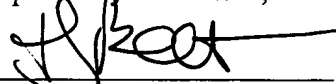
Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, so no fee is due.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,



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